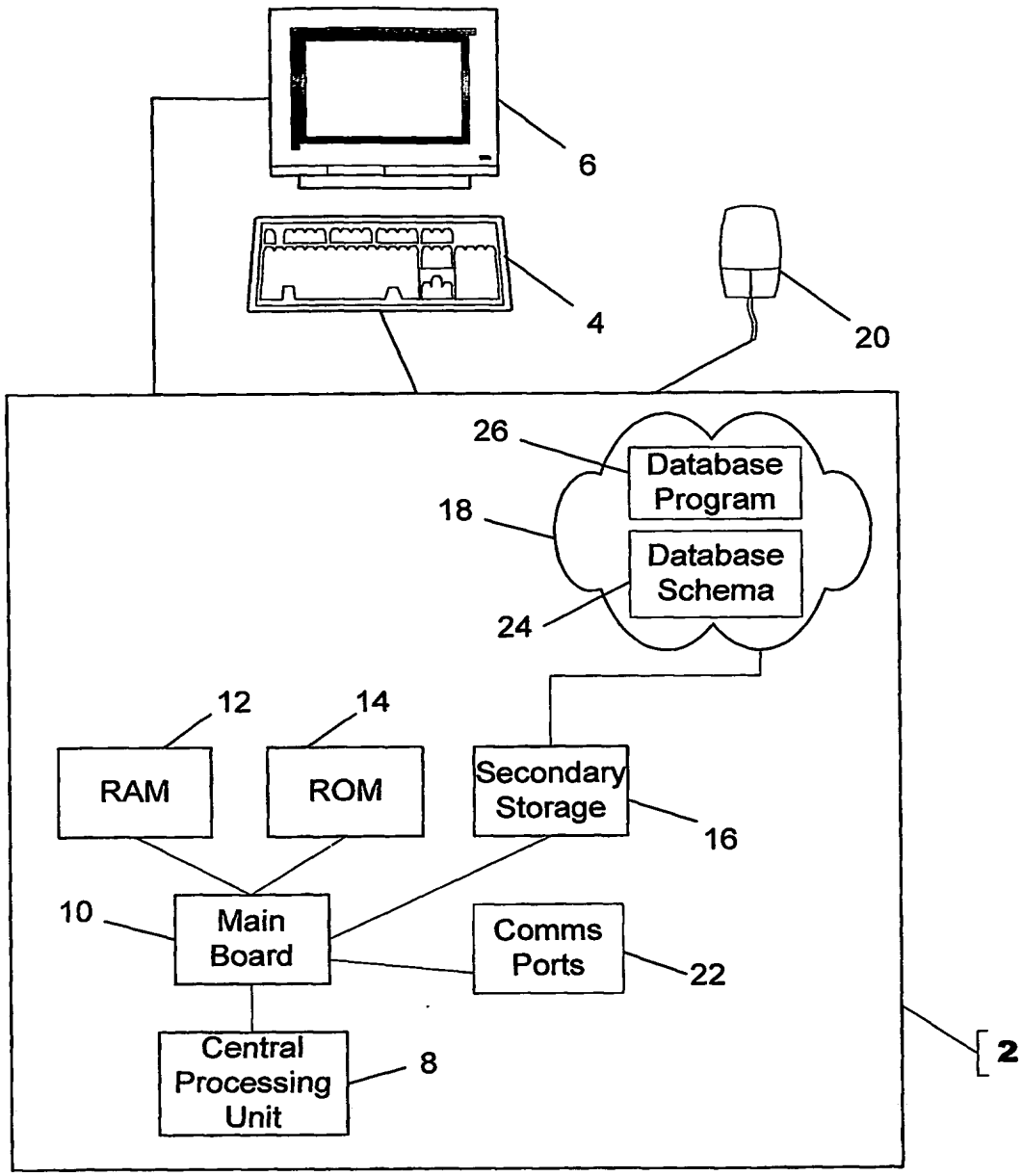

6
4
20
26
Database Program
18
Database Schema
24
12
14
RAM
ROM
Secondary Storage
16
10
Main Board
Comms Ports
22
Central Processing Unit
8
2

Figure 1A

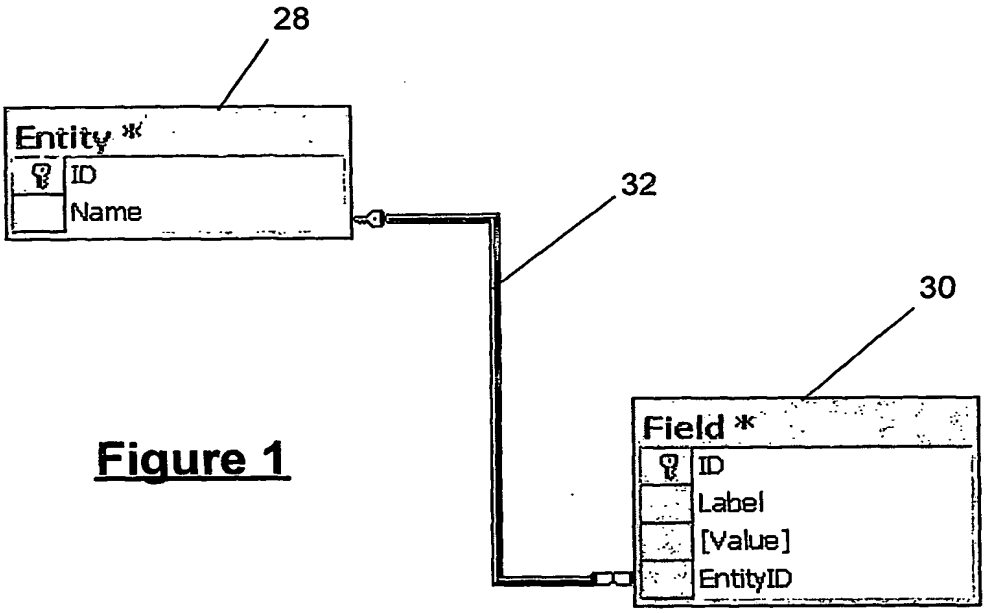


Figure 1

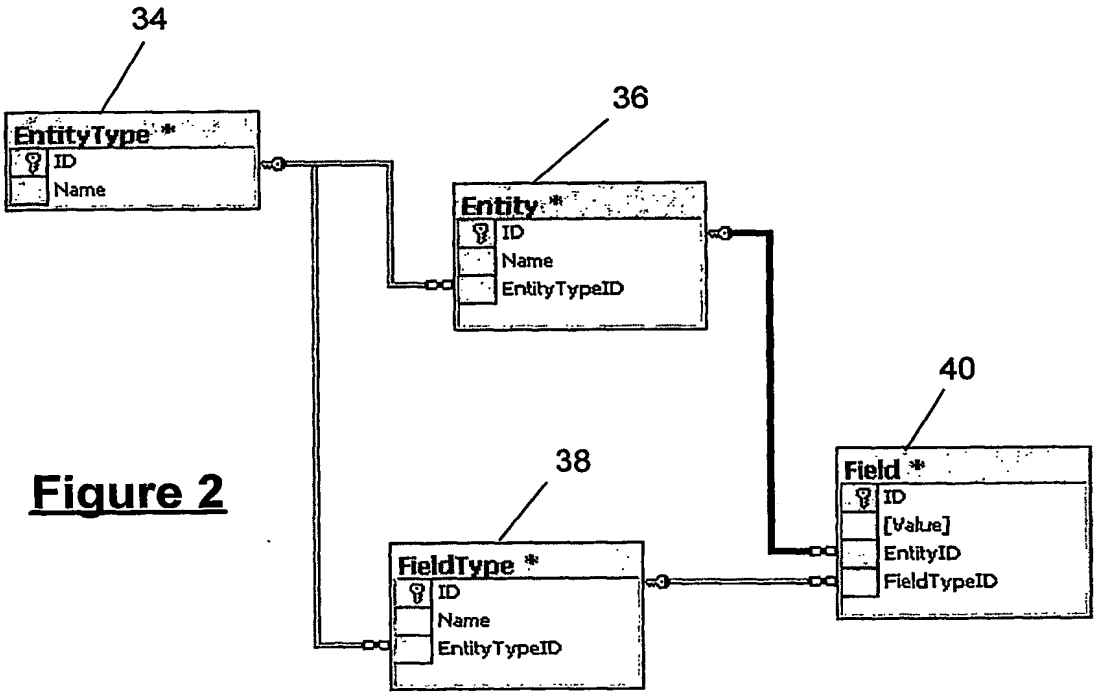


Figure 2

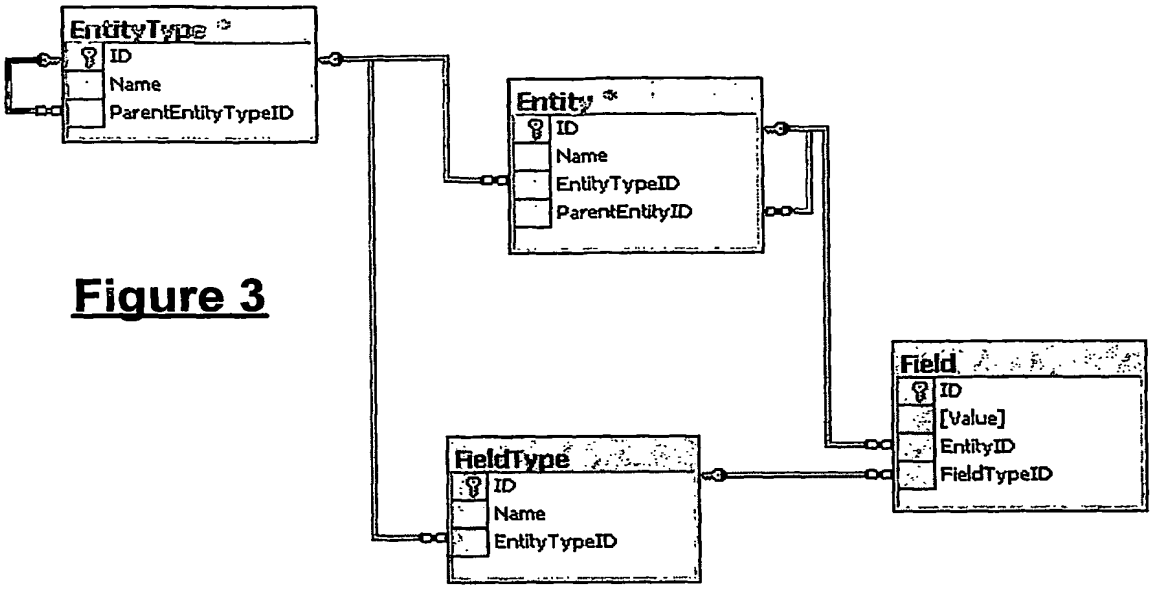


Figure 3

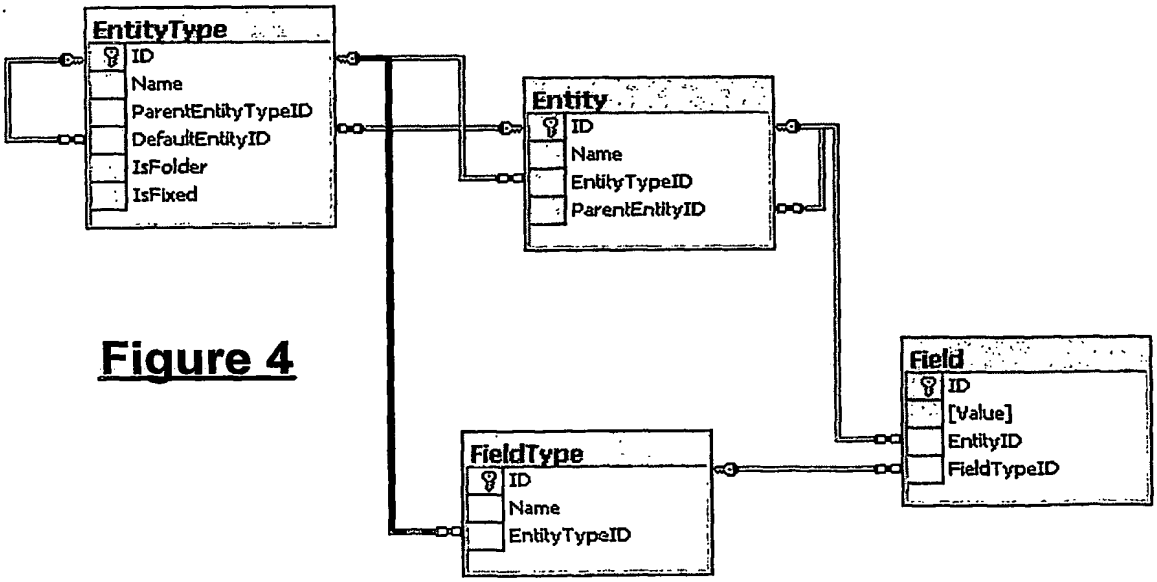


Figure 4

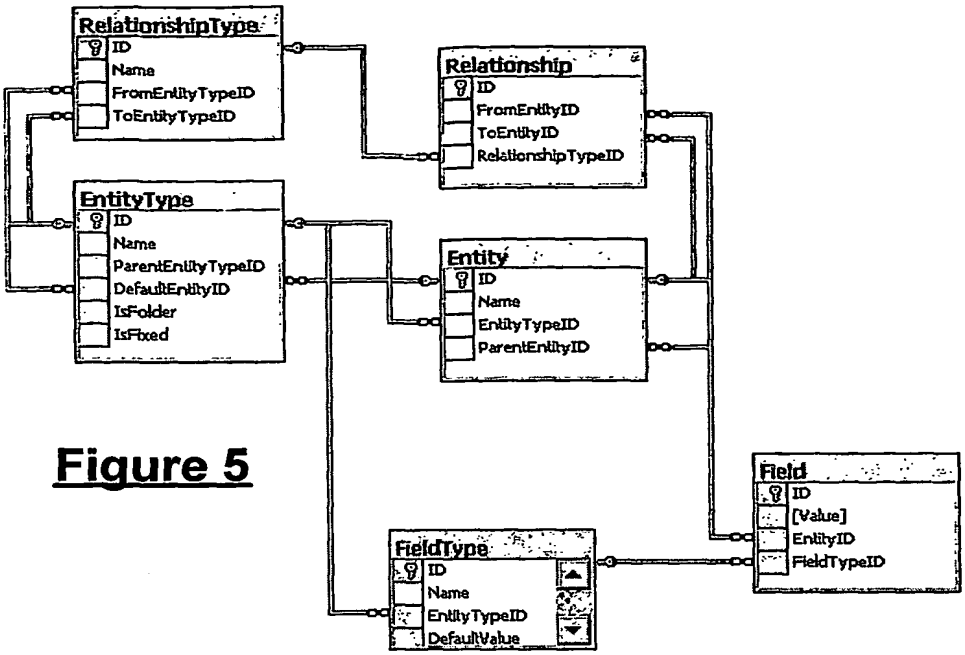


Figure 5

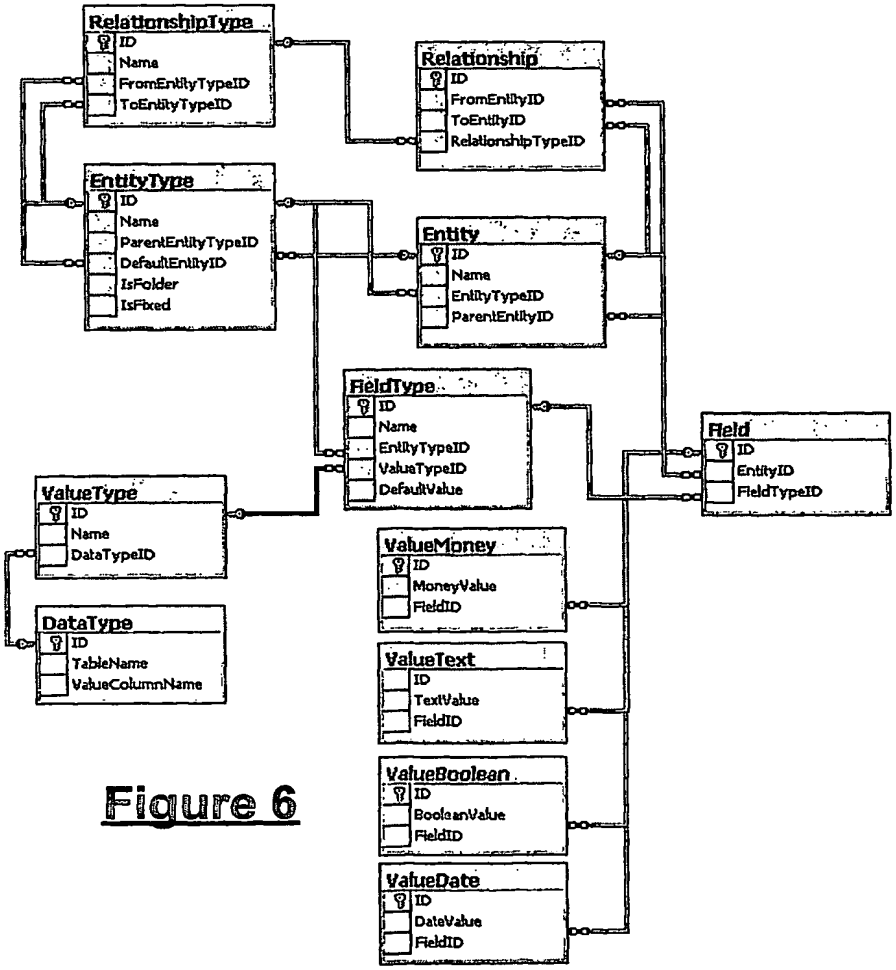


Figure 6

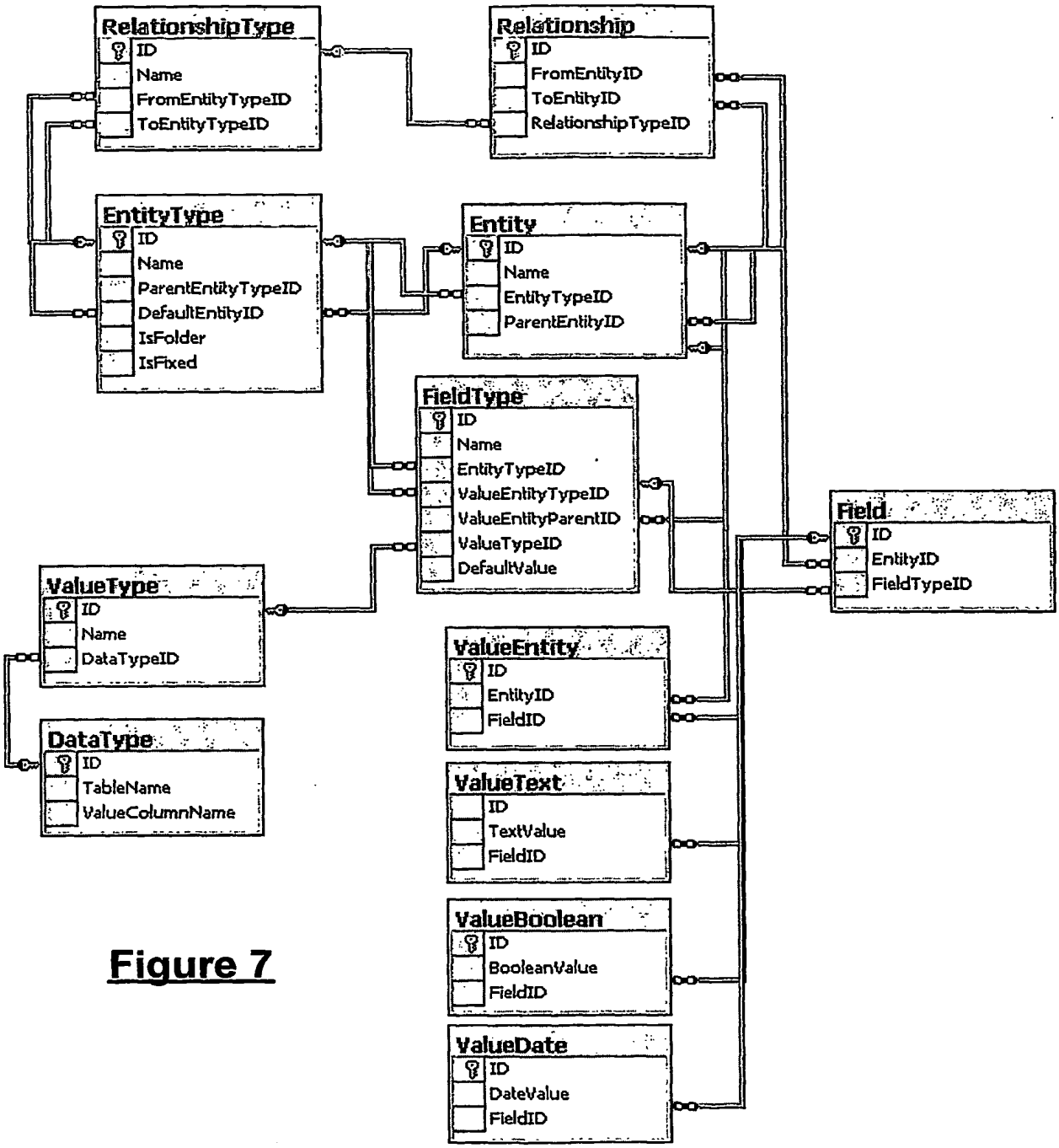

RelationshipType
ID
Name
FromEntityTypeID
ToEntityTypeID
Relationship
ID
FromEntityID
ToEntityID
RelationshipTypeID
EntityType
ID
Name
ParentEntityTypeID
DefaultEntityID
IsFolder
IsFixed
Entity
ID
Name
EntityTypeID
ParentEntityID
FieldType
ID
Name
EntityTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
DefaultValue
Field
ID
EntityID
FieldTypeID
ValueType
ID
Name
DataTypeID
DataType
ID
TableName
ValueColumnName
ValueEntity
ID
EntityID
FieldID
ValueText
ID
TextValue
FieldID
ValueBoolean
ID
BooleanValue
FieldID
ValueDate
ID
DateValue
FieldID

Figure 7

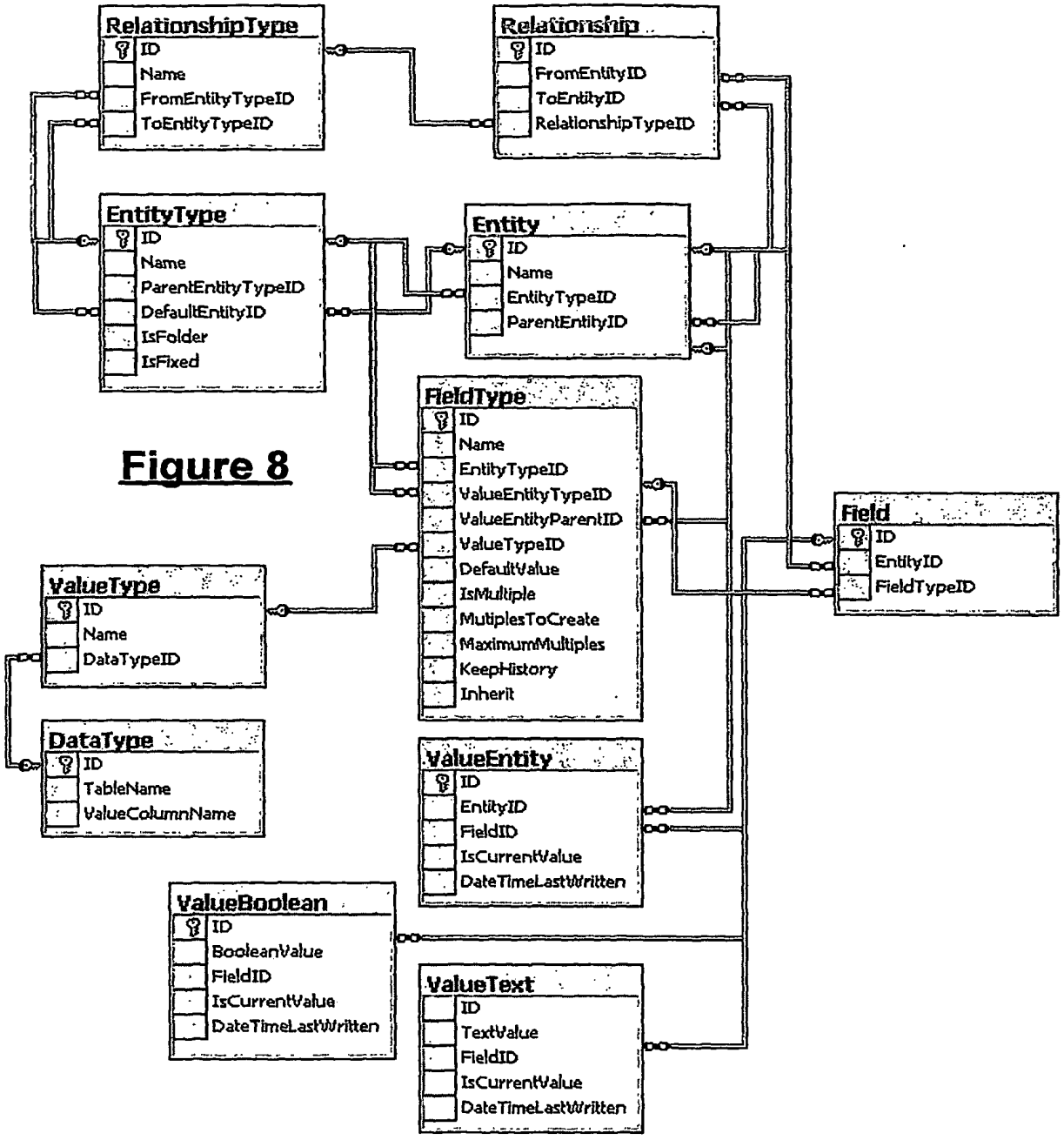
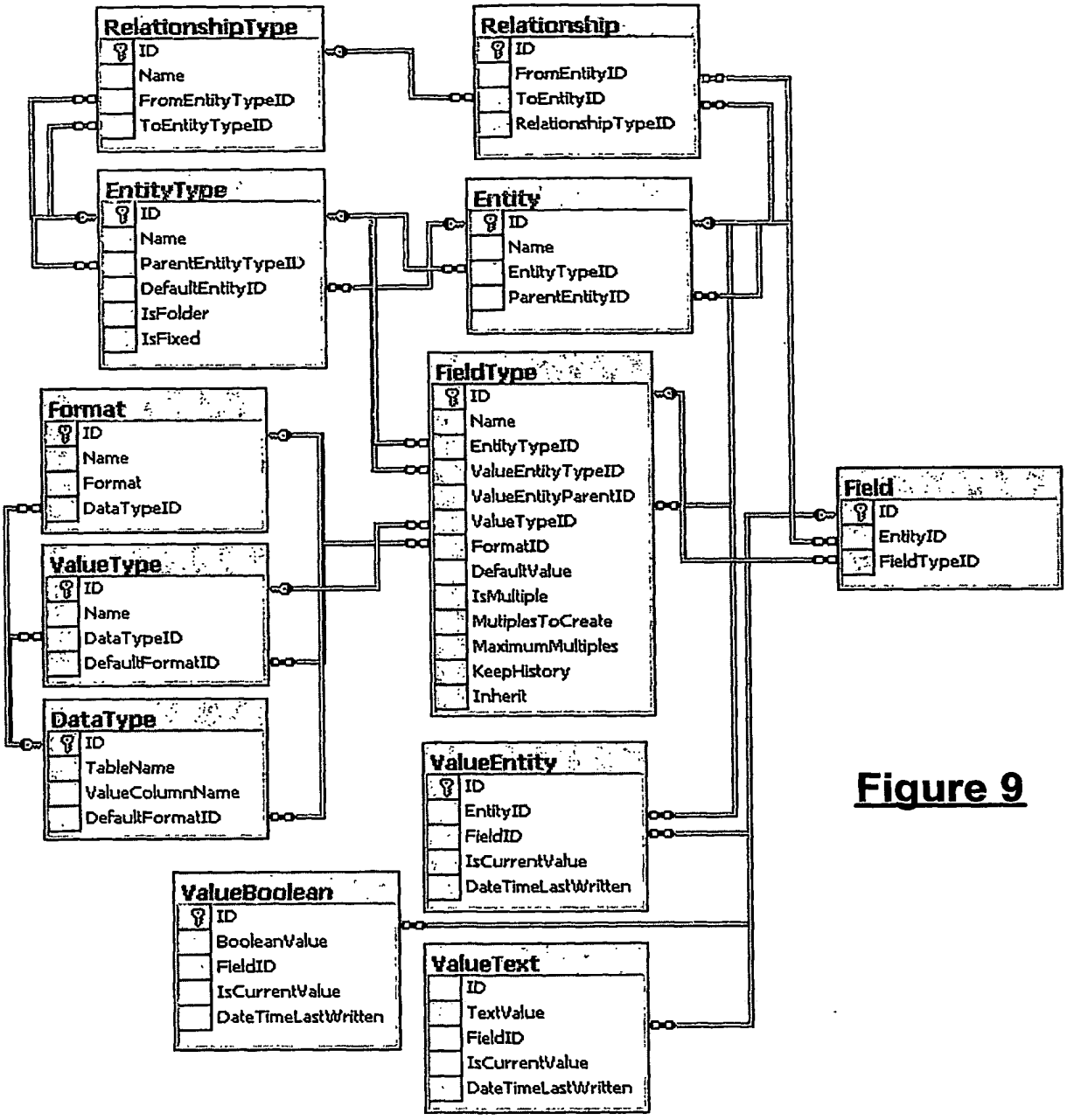

RelationshipType
ID
Name
FromEntityTypeID
ToEntityTypeID
Relationship
ID
FromEntityID
ToEntityID
RelationshipTypeID
EntityType
ID
Name
ParentEntityTypeID
DefaultEntityID
IsFolder
IsFixed
Entity
ID
Name
EntityTypeID
ParentEntityID
FieldType
ID
Name
EntityTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
DefaultValue
IsMultiple
MutiplesToCreate
MaximumMultiples
KeepHistory
Inherit
Field
ID
EntityID
FieldTypeID
ValueType
ID
Name
DataTypeID
DataType
ID
TableName
ValueColumnName
ValueEntity
ID
EntityID
FieldID
IsCurrentValue
DateTimeLastWritten
ValueBoolean
ID
BooleanValue
FieldID
IsCurrentValue
DateTimeLastWritten
ValueText
ID
TextValue
FieldID
IsCurrentValue
DateTimeLastWritten

Figure 8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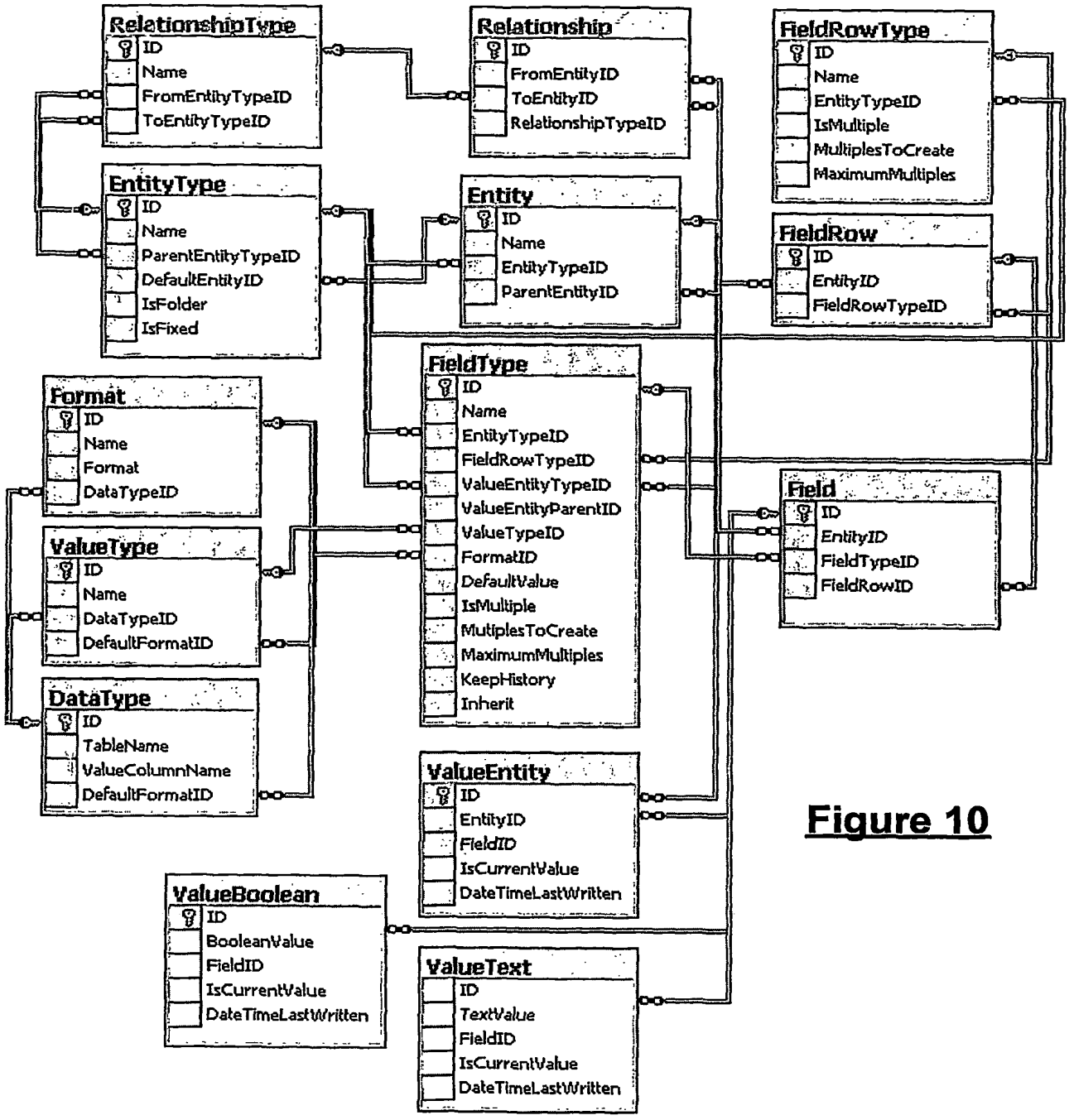
ID
Name
FromEntityTypeID
ToEntityTypeID
Relationship
ID
FromEntityID
ToEntityID
RelationshipTypeID
EntityType
ID
Name
ParentEntityTypeID
DefaultEntityID
IsFolder
IsFixed
Entity
ID
Name
EntityTypeID
ParentEntityID
FieldType
ID
Name
EntityTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
FormatID
DefaultValue
IsMultiple
MultiplesToCreate
MaximumMultiples
KeepHistory
Inherit
Format
ID
Name
Format
DataTypeID
ValueType
ID
Name
DataTypeID
DefaultFormatID
DataType
ID
TableName
ValueColumnName
DefaultFormatID
Field
ID
EntityID
FieldTypeID
ValueEntity
ID
EntityID
FieldID
IsCurrentValue
DateTimeLastWritten
ValueBoolean
ID
BooleanValue
FieldID
IsCurrentValue
DateTimeLastWritten
ValueText
ID
TextValue
FieldID
IsCurrentValue
DateTimeLastWritten

Figure 9


RelationshipType
ID
Name
FromEntityTypeID
ToEntityTypeID
Relationship
ID
FromEntityID
ToEntityID
RelationshipTypeID
FieldRowType
ID
Name
EntityTypeID
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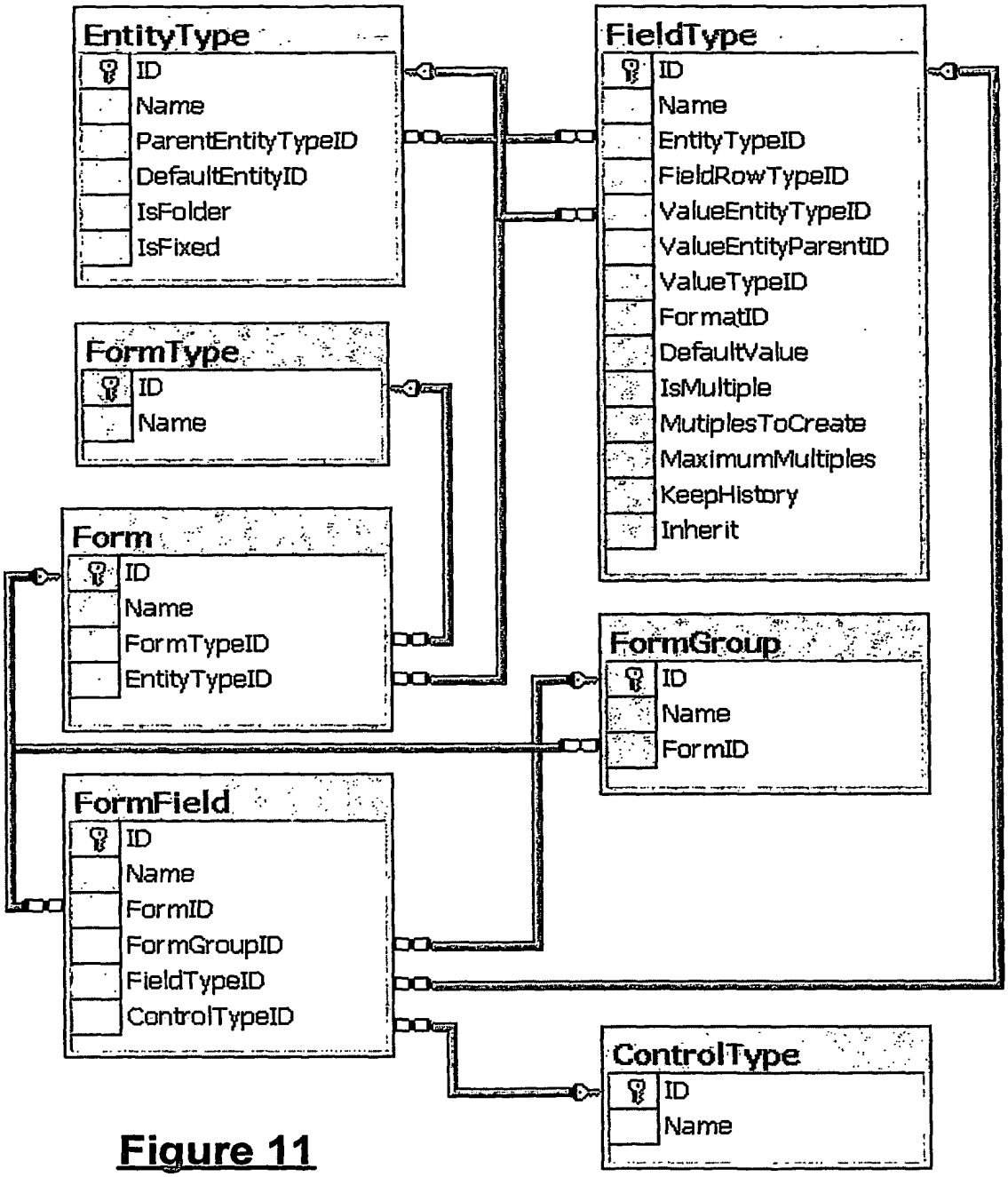
MultiplesToCreate
MaximumMultiples
EntityType
ID
Name
ParentEntityTypeID
DefaultEntityID
IsFolder
IsFixed
Entity
ID
Name
EntityTypeID
ParentEntityID
FieldRow
ID
EntityID
FieldRowTypeID
FieldType
ID
Name
EntityTypeID
FieldRowTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
FormatID
DefaultValue
IsMultiple
MutiplesToCreate
MaximumMultiples
KeepHistory
Inherit
Format
ID
Name
Format
DataTypeID
Field
ID
EntityID
FieldTypeID
FieldRowID
ValueType
ID
Name
DataTypeID
DefaultFormatID
DataType
ID
TableName
ValueColumnName
DefaultFormatID
ValueEntity
ID
EntityID
FieldID
IsCurrentValue
DateTimeLastWritten
ValueBoolean
ID
BooleanValue
FieldID
IsCurrentValue
DateTimeLastWritten
ValueText
ID
TextValue
FieldID
IsCurrentValue
DateTimeLastWritten

Figure 10


EntityType
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Name
ParentEntityTypeID
DefaultEntityID
IsFolder
IsFixed
FieldType
ID
Name
EntityTypeID
FieldRowTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
FormatID
DefaultValue
IsMultiple
MutiplesToCreate
MaximumMultiples
KeepHistory
Inherit
FormType
ID
Name
Form
ID
Name
FormTypeID
EntityTypeID
FormGroup
ID
Name
FormID
FormField
ID
Name
FormID
FormGroupID
FieldTypeID
ControlTypeID
ControlType
ID
Name

Figure 11

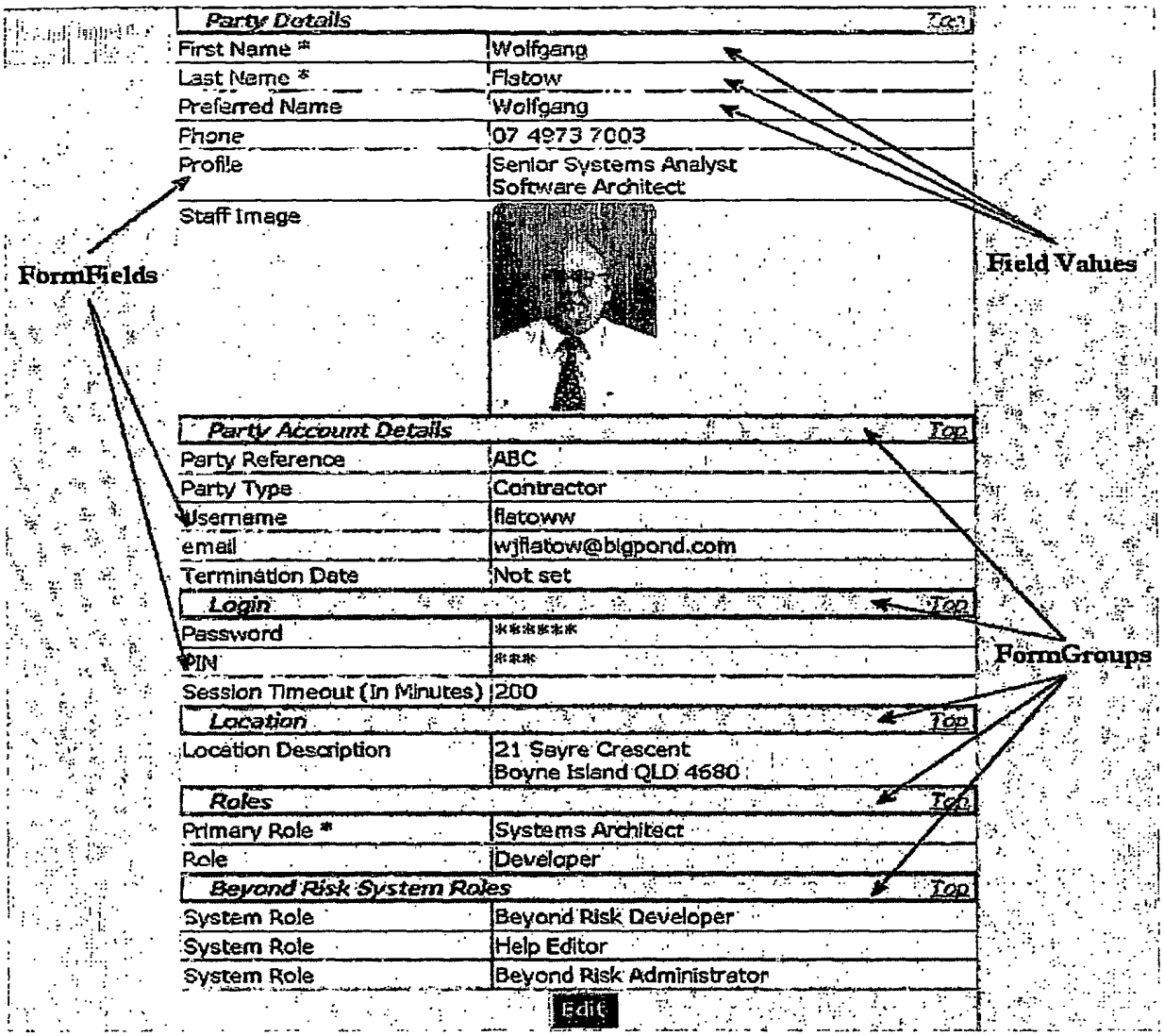

FormFields
Field Values
FormGroups
Party Details
Top
First Name *
Wolfgang
Last Name *
Flatow
Preferred Name
Wolfgang
Phone
07 4973 7003
Profile
Senior Systems Analyst
Software Architect
Staff Image
Party Account Details
Top
Party Reference
ABC
Party Type
Contractor
Username
flatoww
email
wjflatow@bigpond.com
Termination Date
Not set
Login
Top
Password
******
PIN
***
Session Timeout (In Minutes)
200
Location
Top
Location Description
21 Sayre Crescent
Boyne Island QLD 4680
Roles
Top
Primary Role *
Systems Architect
Role
Developer
Beyond Risk System Roles
Top
System Role
Beyond Risk Developer
System Role
Help Editor
System Role
Beyond Risk Administrator
Edit

Figure 12

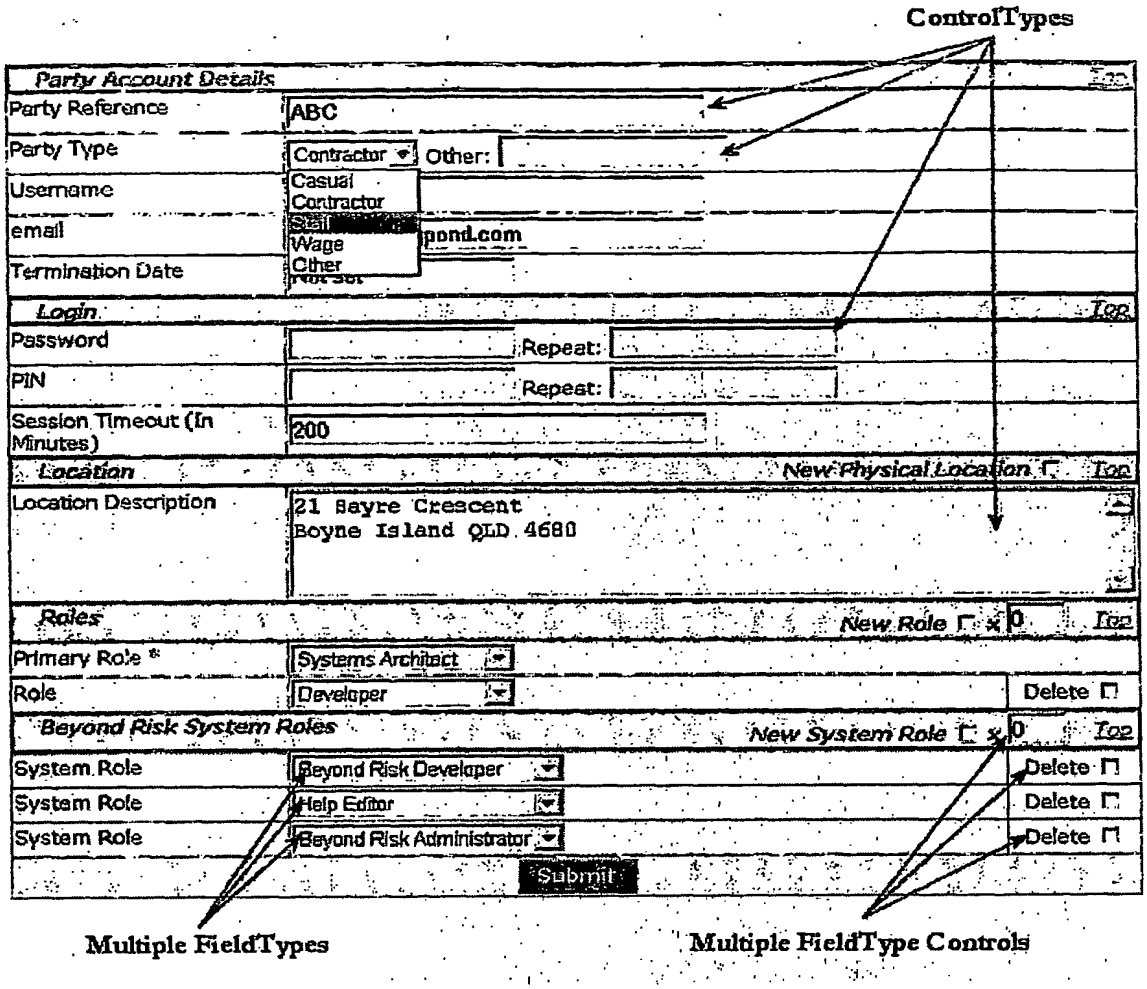

ControlTypes
Party Account Details
Party Reference
ABC
Party Type
Contractor
Other:
Casual
Contractor
Staff
Wage
Other
Username
email
pond.com
Termination Date
Login
Top
Password
Repeat:
PIN
Repeat:
Session Timeout (In Minutes)
200
Location
New Physical Location
Top
Location Description
21 Bayre Crescent
Boyne Island QLD 4680
Roles
New Role
0
Top
Primary Role *
Systems Architect
Role
Developer
Delete
Beyond Risk System Roles
New System Role
0
Top
System Role
Beyond Risk Developer
Delete
System Role
Help Editor
Delete
System Role
Beyond Risk Administrator
Delete
Submit
Multiple FieldTypes
Multiple FieldType Controls

Figure 13

Party Details			Top
First Name *	Entered	By	Value
	25-Feb-2003 11:58 am	Wolfgang Flatow	Wolfgang
Last Name *	Entered	By	Value
	25-Feb-2003 11:58 am	Wolfgang Flatow	Flatow
Preferred Name	Entered	By	Value
	10-Mar-2004 08:26 am	Wolfgang Flatow	Wolfgang
	03-Mar-2003 12:04 pm	Wolfgang Flatow	Wolf
Phone	Entered	By	Value
	03-Mar-2003 12:04 pm	Wolfgang Flatow	07 4973 7003
Profile	Entered	By	Value
	10-Mar-2004 08:26 am	Wolfgang Flatow	Senior Systems AnalystSoftware Architect
	01-May-2003 09:46 am	Wolfgang Flatow	Senior Systems Analyst
Staff Image			

Figure 14

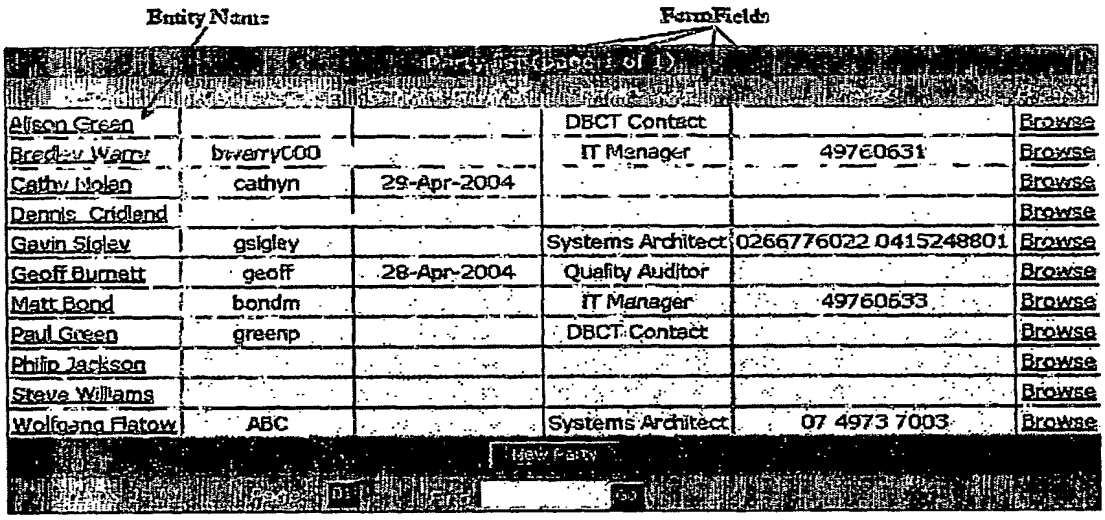

Entity Name
FormFields
Party List (page 1 of 1)
Alison Green
DBCT Contact
Browse
Bradley Warry
bwarry000
IT Manager
49760631
Browse
Cathy Nolan
cathyn
29-Apr-2004
Browse
Dennis Cridland
Browse
Gavin Sigley
gsigley
Systems Architect
0266776022 0415248801
Browse
Geoff Burnett
geoff
28-Apr-2004
Quality Auditor
Browse
Matt Bond
bondm
IT Manager
49760633
Browse
Paul Green
greenp
DBCT Contact
Browse
Philip Jackson
Browse
Steve Williams
Browse
Wolfgang Flatow
ABC
Systems Architect
07 4973 7003
Browse
New Party
Page
Go

Figure 15

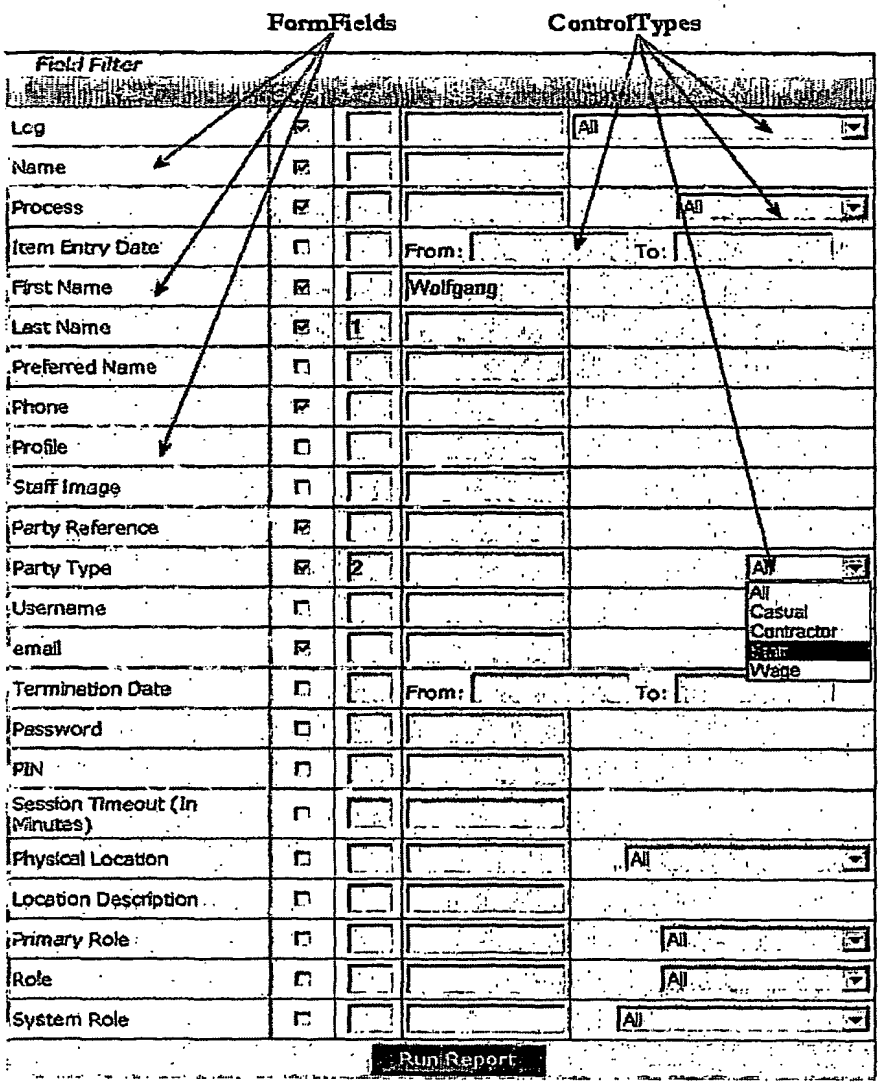
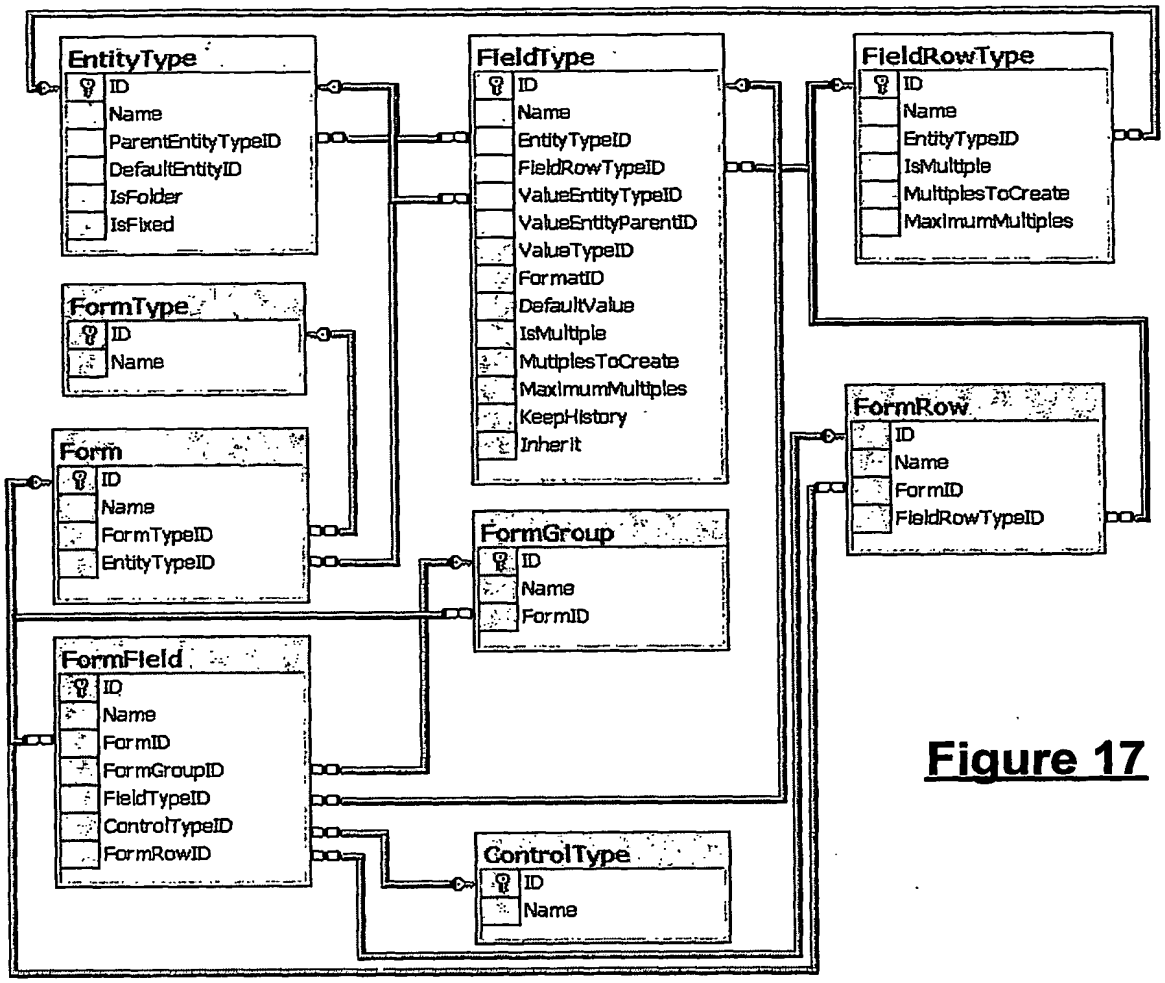

FormFields
ControlTypes
Field Filter
Log
Name
Process
Item Entry Date
First Name
Last Name
Preferred Name
Phone
Profile
Staff Image
Party Reference
Party Type
Username
email
Termination Date
Password
PIN
Session Timeout (In Minutes)
Physical Location
Location Description
Primary Role
Role
System Role
From:
To:
Wolfgang
All
Casual
Contractor
Staff
Wage
Run Report

Figure 16


EntityType
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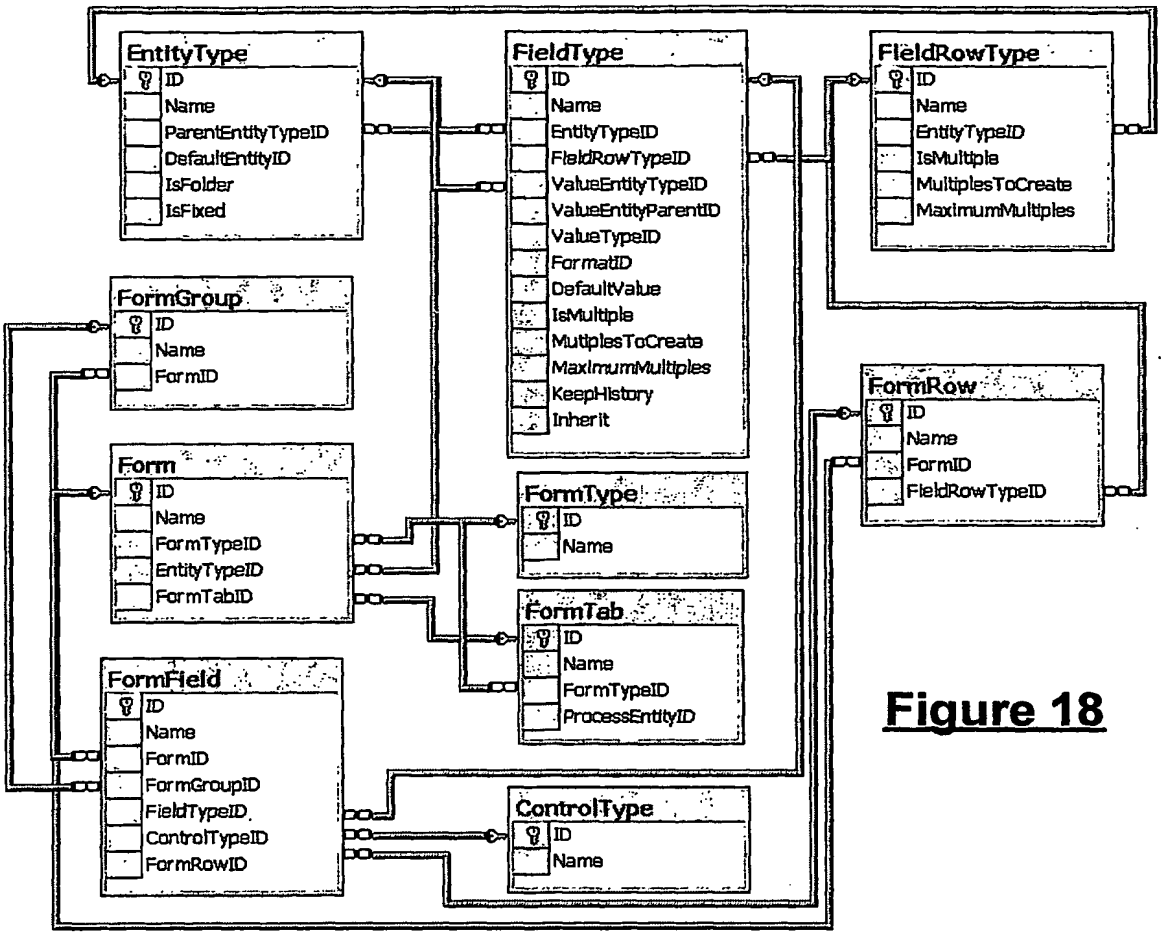
DefaultEntityID
IsFolder
IsFixed
FieldType
ID
Name
EntityTypeID
FieldRowTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
FormatID
DefaultValue
IsMultiple
MultiplesToCreate
MaximumMultiples
KeepHistory
Inherit
FieldRowType
ID
Name
EntityTypeID
IsMultiple
MultiplesToCreate
MaximumMultiples
FormType
ID
Name
Form
ID
Name
FormTypeID
EntityTypeID
FormGroup
ID
Name
FormID
FormRow
ID
Name
FormID
FieldRowTypeID
FormField
ID
Name
FormID
FormGroupID
FieldTypeID
ControlTypeID
FormRowID
ControlType
ID
Name

Figure 17


EntityType
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Name
ParentEntityTypeID
DefaultEntityID
IsFolder
IsFixed
FieldType
ID
Name
EntityTypeID
FieldRowTypeID
ValueEntityTypeID
ValueEntityParentID
ValueTypeID
FormatID
DefaultValue
IsMultiple
MutiplesToCreate
MaximumMultiples
KeepHistory
Inherit
FieldRowType
ID
Name
EntityTypeID
IsMultiple
MultiplesToCreate
MaximumMultiples
FormGroup
ID
Name
FormID
FormRow
ID
Name
FormID
FieldRowTypeID
Form
ID
Name
FormTypeID
EntityTypeID
FormTabID
FormType
ID
Name
FormTab
ID
Name
FormTypeID
ProcessEntityID
FormField
ID
Name
FormID
FormGroupID
FieldTypeID
ControlTypeID
FormRowID
ControlType
ID
Name

Figure 18